

Applicant: Milton B. Maxwell, Jr.
Serial No.: 10/686,900
Filed: October 16, 2003
Group Art Unit: 3626
Attorney's Docket No.: N9461
Customer No.: 23456

COMPLETE LISTING OF CLAIMS

1. (Currently Amended) A medical information processing method, comprising:

providing a data processing system accessible to a plurality of users via a communications network, the data processing system including a computer program effective to execute the steps of

(a) receiving at the data processing system and from a remote user location via the communications network a request for medical information associated with a patient;

(b) obtaining medication specific data representing physical conditions associated with the patient, the medication specific data comprising

names of one or more medications of a patient as recorded by a medical history of the patient, as determined from one or more sources independent of the patient, the medications further comprising discontinued medications and current medications, and

names of all physical conditions that are medically known to be treated by the medications, as determined from one or more predetermined information databases;

(c) identifying within the data processing system one or more probable disease/drug contra-indications based upon relationships between the one or more

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medications and the physical conditions, said contra-indications further identified as significant or non-significant;

~~(d) — excluding from the medication specific data names of all physical conditions associated with said significant contra-indications;~~

[[e)] (d) generating within the data processing system a list of physical conditions comprising only the names of all remaining physical conditions that are not associated with said contra-indications and the physical conditions that are associated with said non-significant contra-indications associated with the patient in the medication specific data;

[[f)] (e) identifying within the data processing system consequential information associated with the medications currently in use by the patient, said consequential information including significant and non-significant side effects that are probable, significant and non-significant drug-drug interactions that are probable; and therapeutic classes;

[[g)] (f) outputting from the data processing system to a remote user location via the communications network the names of the remaining generated list of physical conditions and the identified consequential information associated with the patient in the medication specific data, the significant side effects, the significant drug-drug interactions, and the therapeutic classes.

2- 3. (Canceled)

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4. (Currently Amended) The method of claim 1, further comprising the step of:

[[~~(h)~~]] (g) assigning the user an identification code; assigning the user a pass code; and upon entry of an identification code and pass code, comparing the entered identification code and the pass code to the assigned identification code and the assigned pass code to authorize access to the output physical conditions and consequential information.

5. (Previously Presented) The method of claim 1, wherein, in step (b) the medication specific data further comprises at least one of the items of data selected from the following group:

an administration dose of the medication;
a name of a health care provider that prescribed the medication;
an original date of a prescription for the medication;
a date of exhaustion of the prescription for the medication;
a set of instructions for administering the medication; and
compliance information for the medication.

6. (Currently Amended) The method of claim 1, wherein:

in step (b) the medication specific data includes information indicative of patient usage of prescribed medications; and

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in step [(f)] (e) the consequential information includes information regarding the indicated patient usage of prescribed medications.

7. (Currently Amended) The method of claim 4, wherein:

step [(h)] (g) includes enabling a selected class of users to access less than all of the consequential information.

8- 31. (Canceled)